

GenCore version 5.1.3
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OM protein - protein search, using sw model
Run on: January 9, 2003, 12:23:23 ; Search time 15 Seconds
(without alignments)
25.1500 Million cell updates/sec

Title: US-09-632-429-4
Perfect score: 89
Sequence: 1 WEVLCWTWETCER 13
Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5
Scored:
262574 seqs, 29422922 residues

Total number of hits satisfying chosen parameters: 262574

Minimum DB seq length: 0

Maximum DB seq length: 2000000000
Post-processing: Maximum Match 08
Maximum Match 100%
Listing first 45 summaries

Database : Issued_Patents_AA:
1: /cgn2_6/_ptodata/1/iaa/5A_COMBO.pep:
2: /cgn2_6/_ptodata/1/iaa/5B_COMBO.pep:
3: /cgn2_6/_ptodata/1/iaa/6A_COMBO.pep:
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6: /cgn2_6/_ptodata/1/iaa/backfile1.pep:
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query	Match	Length	DB ID	Description
1	43	48.3	54	3	US-09-851-843A-183	Sequence 183, App
2	43	48.3	54	4	US-08-974-549A-302	Sequence 302, App
3	43	48.3	54	4	US-08-854-050-183	Sequence 183, App
4	43	48.3	54	4	US-09-430-32-183	Sequence 2, App
5	42	47.2	731	4	US-09-115-446-2	Sequence 65, App
6	40	44.9	443	4	US-08-821-994-65	Sequence 10, App
7	40	44.9	866	2	US-08-620-69A-10	Sequence 10, App
8	40	44.9	866	3	US-09-022-255-10	Sequence 10, App
9	40	44.9	866	3	US-09-022-690-10	Sequence 4, App
10	40	44.9	866	3	US-08-973-73	Sequence 10, App
11	40	44.9	866	3	US-09-022-253-10	Sequence 10, App
12	40	44.9	866	3	US-09-022-260-10	Sequence 2, App
13	40	44.9	866	4	US-09-022-259-10	Sequence 2, App
14	40	44.9	866	4	US-09-022-257-10	Sequence 10, App
15	40	44.9	900	4	US-08-890-867A-4	Sequence 10, App
16	39.5	44.4	18	3	US-08-825-852-79	Sequence 79, App
17	39.5	44.4	18	4	US-09-052-888-80	Sequence 80, App
18	39	43.8	993	5	US-08-183-211-2	Sequence 83, App
19	39	43.8	993	5	PC-US95-00176A-2	Sequence 72, App
20	39	43.8	1024	4	US-09-562-737-83	Sequence 11, App
21	38	42.7	48	3	US-08-930-916A-72	Sequence 11, App
22	38	42.7	179	2	US-08-481-950A-11	Sequence 11, App
23	38	42.7	179	2	US-08-629-29A-11	Sequence 11, App
24	38	42.7	179	2	US-08-658-333B-11	Sequence 11, App
25	38	42.7	179	4	US-09-406-640-11	Sequence 8, App
26	38	42.7	215	2	US-08-659-251-8	Sequence 8, App
27	38	42.7	215	4	US-09-256-430-8	Sequence 8, App

ALIGNMENTS

RESULT 1
US-08-851-843A-183
; Sequence 183, Application US/08851843A
; Patent No. 6093809
; GENERAL INFORMATION:
; APPLICANT: Cech, Thomas R.
; APPLICANT: Lingner, Joachim
; APPLICANT: Nakamura, Toru
; APPLICANT: Chapman, Karen B.
; APPLICANT: Morin, Gregg B.
; APPLICANT: Harley, Calvin H.
; APPLICANT: Andrews, William H.
; TITLE OF INVENTION: No. 6033809el Telomerase
; NUMBER OF SEQUENCES: 225
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, 8th Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: United States of America
; ZIP: 94111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.3.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/851-843A
; FILING DATE: 06-MAY-1997
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/846,017
; FILING DATE: 18-APR-1997
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/724,643
; FILING DATE: 01-OCT-1996
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Apple, Randolph T.
; REGISTRATION NUMBER: 36,129
; REFERENCE/DOCKET NUMBER: 015389-002930US
; TELECOMMUNICATION INFORMATION:
; TELEFAX: (415) 576-0200
; INFORMATION FOR SEQ ID NO: 183:

; FILING DATE: 01-OCT-1996
 ; ATTORNEY/AGENT INFORMATION: 536
 ; NAME: Apple, Randolph T.
 ; REGISTRATION NUMBER: 36,429
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (415) 576-0200
 ; TELEFAX: (415) 576-0300
 ; INFORMATION FOR SEQ ID NO: 183:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 54 amino acids
 ; TYPE: amino acid
 ; STRANDEDNESS:
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: peptide
 ; US-08-854-050-183

Query Match 48.3%; Score 43; DB 4; Length 54;
 Best Local Similarity 62.5%; Pred. No. 14;
 Matches 5; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
 RESULT 5
 US-09-430-323-183

Query 1 WEVLQWTW 8
 Db 18 WAPLCWAW 25

Query Match 48.3%; Score 43; DB 4; Length 54;
 Best Local Similarity 62.5%; Pred. No. 14;
 Matches 5; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
 RESULT 4
 US-09-430-323-183

Sequence 183, Application US/09430323
 ; Patent No. 6309867
 ; GENERAL INFORMATION:
 ; APPLICANT: Cech, Thomas R.
 ; Lingner, Joachim
 ; Nakamura, Toru
 ; Chapman, Karen B.
 ; Morin, Gregg B.
 ; Harley, Calwin
 ; Andrews, William H.
 ; TITLE OF INVENTION: No. 6309867-1 Telomerase
 ; NUMBER OF SEQUENCES: 225
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Townsend and Townsend and Crew LLP
 ; STREET: Two Embarcadero Center, 8th Floor
 ; CITY: San Francisco
 ; STATE: California
 ; COUNTRY: United States of America
 ; ZIP: 94111

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/430,323
 FILING DATE: 29-Oct-1999
 CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/854,050
 FILING DATE: 09-MAY-1997
 APPLICATION NUMBER: US 08/851,843
 FILING DATE: 06-MAY-1997
 APPLICATION NUMBER: US 08/846,017
 FILING DATE: 25-APR-1997
 APPLICATION NUMBER: US 08/844,419
 FILING DATE: 18-APR-1997
 APPLICATION NUMBER: US 08/724,643
 FILING DATE: 01-OCT-1996

ATTORNEY/AGENT INFORMATION:
 NAME: Apple, Randolph T.
 REGISTRATION NUMBER: 36,429
 REFERENCE/DOCKET NUMBER: 015389-002930US
 TELECOMMUNICATION INFORMATION:

; INFORMATION FOR SEQ ID NO: 183:
 ; SEQUENCE CHARACTERISTICS:
 LENGTH: 54 amino acids
 TYPE: amino acid
 STRANDEDNESS: <Unknown>
 TOPOLOGY: linear
 MOLECULE TYPE: peptide
 ; US-09-430-323-183

Query Match 48.3%; Score 43; DB 4; Length 54;
 Best Local Similarity 62.5%; Pred. No. 14;
 Matches 5; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
 RESULT 6
 US-08-821-994-65

Sequence 65, Application US/08821994A
 ; Patent No. 6228643
 ; GENERAL INFORMATION:
 ; APPLICANT: Greenland, Andrew J
 ; APPLICANT: Thomas, Didier RP
 ; APPLICANT: Jepson, Ian
 ; TITLE OF INVENTION: Promoters
 ; FILE REFERENCE: PPD 50108
 ; CURRENT APPLICATION NUMBER: US/08/821,994A
 ; CURRENT FILING DATE: 1997-03-22
 ; EARLIER APPLICATION NUMBER: PCV/GB97/00729
 ; EARLIER FILING DATE: 1997-03-18
 ; EARLIER APPLICATION NUMBER: GB 9606062.9

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: EARLIER FILING DATE: 1996-03-22
: SEQ ID NO: 89
: SOFTWARE: PatentIn Ver. 2.1
: LENGTH: 443
: TYPE: PRT
: ORGANISM: Brassica napus
US-08-821-994-65

Query Match 44.9%; Score 40; DB 4; Length 443;
Best Local Similarity 55.6%; Pred. No. 2.5e+02;
Matches 5; Conservative 3; Mismatches 1; Indels 0; Gaps 0;
NUMBER OF SEQUENCES: 10
Qy 4 LCWTWETCE 12
Db 377 LCFSWKCC 385

RESULT 7
US-08-620-694A-10
: Sequence 10, Application US/08620694A
: Patent No. 5869286
: GENERAL INFORMATION:
: APPLICANT: Yao, Zhengbin
: APPLICANT: Spriggs, Melanie
: APPLICANT: Fanslow, William
: TITLE OF INVENTION: No. 5869286el Receptor That Binds IL-17
: NUMBER OF SEQUENCES: 10
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: Immunex Corporation
: STREET: 51 University Street
: CITY: Seattle
: STATE: WA
: COUNTRY: USA
: ZIP: 98101
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Floppy disk
: COMPUTER: Apple Power Macintosh
: OPERATING SYSTEM: Apple Operating System 7.5.5
: SOFTWARE: Microsoft Word for Apple, Version 6.0.1
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/09-022-255
: FILING DATE:
: CLASSIFICATION:
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: USN 08/620,694
: FILING DATE: 21 MARCH 1996
: APPLICATION NUMBER: USN 08/538,765
: FILING DATE: 7 AUGUST 1995
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: USN 08/410,535
: FILING DATE: 23 MARCH 1995
: ATTORNEY/AGENT INFORMATION:
: NAME: Perkins, Patricia Anne
: REGISTRATION NUMBER: 34,695
: REFERENCE/DOCKET NUMBER: 2617-B
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: (206)587-0430
: TELEFAX: (206)587-0430
: INFORMATION FOR SEQ ID NO: 10:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 866 amino acids
: TYPE: amino acid
: TOPOLOGY: linear
: MOLECULE TYPE: protein
US-09-022-255-10

Query Match 44.9%; Score 40; DB 3; Length 866;
Best Local Similarity 50.0%; Pred. No. 4.7e+02;
Matches 6; Conservative 1; Mismatches 5; Indels 0; Gaps 0;
NUMBER OF SEQUENCES: 10
Qy 1 WEVLCTWETCE 12
Db 577 WQVRCPDWFCE 588

RESULT 9
US-09-022-696-10
: Sequence 10, Application US/09022696
: Patent No. 6072037
: GENERAL INFORMATION:
: APPLICANT: Yao, Zhengbin
: APPLICANT: Spriggs, Melanie
: APPLICANT: Fanslow, William
: TITLE OF INVENTION: No. 6072037el Receptor That Binds IL-17
: NUMBER OF SEQUENCES: 10
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: Immunex Corporation

```

STREET: 51 University Street
 CITY: Seattle
 STATE: WA
 COUNTRY: USA
 ZIP: 98101
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: Apple Power Macintosh
 OPERATING SYSTEM: Apple Operating System 7.5.5
 SOFTWARE: Microsoft Word for Apple, Version 6.0.1
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/022,696
 FILING DATE: 23 MARCH 1995
 CLASSIFICATION:
 PRIORITY APPLICATION DATA: 08/620,694
 FILING DATE: 08/620,694
 CLASSIFICATION:
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: USSN 08/410,535
 FILING DATE: 23 MARCH 1995
 CLASSIFICATION:
 ATTORNEY/AGENT INFORMATION:
 NAME: Perkins, Patricia Anne
 REGISTRATION NUMBER: 34,695
 REFERENCE/DOCKET NUMBER: 2617-B
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (206) 587-0430
 TELEFAX: (206)
 INFORMATION FOR SEQ ID NO: 4:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 866 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 US-08-978-773-4

Query Match 44.9%; Score 40; DB 3; Length 866;
 Best Local Similarity 50.0%; Pred. No. 4.7e+02;
 Matches 6; Conservative 5; Indels 0; Gaps 0;

Qy 1 WEVLQWTWCE 12
 Db 577 WQVRCPDWCE 588

RESULT 11
 US-09-022-253-10
 Sequence 10, Application US/09022253
 Patent No. 6096305
 GENERAL INFORMATION:
 APPLICANT: Yo, Zhengbin
 APPLICANT: Spriggs, Melanie
 APPLICANT: Fanslow, William
 TITLE OF INVENTION: No. 6096305el Receptor that Binds IL-17
 NUMBER OF SEQUENCES: 10
 CURRENT APPLICATION DATA:
 ADDRESSEE: Immunex Corporation
 STREET: 51 University Street
 CITY: Seattle
 STATE: WA
 ZIP: 98101
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: Apple Power Macintosh
 OPERATING SYSTEM: Apple Operating System 7.5.5
 SOFTWARE: Microsoft Word for Apple, Version 6.0.1
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/022,253
 FILING DATE:

PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US/08/620,694
 FILING DATE: 21-MARCH-1996
 APPLICATION NUMBER: USSN 08/538,765
 FILING DATE: 7 AUGUST 1995
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: USSN 08/410,535
 FILING DATE: 23 MARCH 1995
 ATTORNEY/AGENT INFORMATION:
 NAME: Perkins, Patricia Anne
 REGISTRATION NUMBER: 34,695
 REFERENCE/DOCKET NUMBER: 2617-B
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (206) 587-0430
 TELEFAX: (206)
 INFORMATION FOR SEQ ID NO: 10:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 866 amino acids
 TYPE: amino acid
 TOPOLOGY: linear

CLASSIFICATION:
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: US/08/978-773-4
 Sequence 4, Application US/08978773
 Patent No. 6083906
 GENERAL INFORMATION:
 APPLICANT: Trout, Anthony
 TITLE OF INVENTION: Method of Regulating Nitric Oxide Production
 NUMBER OF SEQUENCES: 4
 CURRENT APPLICATION DATA:
 ADDRESSEE: Immunex Corporation
 STREET: 51 University Street
 CITY: Seattle
 STATE: WA
 ZIP: 98101
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: Apple Power Macintosh
 OPERATING SYSTEM: Apple Operating System 7.5.5
 SOFTWARE: Microsoft Word for PowerMacintosh, Version 6.0.1
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/978,773
 FILING DATE:
 CLASSIFICATION: 530
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: USSN 60/052,525
 FILING DATE: 27 NOVEMBER 1995

; MOLECULE TYPE: Protein
 us-09-022-253-10
 ; Query Match 44.9%; Score 40; DB 3; Length 866;
 Best Local Similarity 50.0%; Pred. No. 4.7e+02;
 Matches 6; Conservative 1; Mismatches 5; Indels 0; Gaps 0;
 Qy 1 WEVLCTWETCE 12
 Db 577 WQVRCPDWFCE 588

RESULT 12
 us-09-022-260-10
 ; Sequence 10, Application US/09022260
 ; Patent No. 6100235
 ; GENERAL INFORMATION:
 ; APPLICANT: Yao, Zhengbin
 ; APPLICANT: Spriggs, Melanie
 ; APPLICANT: Fanslow, William
 ; TITLE OF INVENTION: No. 6191104el Receptor That Binds IL-17
 ; NUMBER OF SEQUENCES: 10
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Immunex Corporation
 ; STREET: 51 University Street
 ; CITY: Seattle
 ; STATE: WA
 ; COUNTRY: USA
 ; ZIP: 98101
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: Apple Power Macintosh
 ; OPERATING SYSTEM: Apple Operating System 7.5.5
 ; SOFTWARE: Microsoft Word for Apple, Version 6.0.1
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/0224259
 ; FILING DATE:
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 08/620,694
 ; FILING DATE:
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/0224259
 ; FILING DATE: 23 MARCH 1995
 ; CLASSIFICATION:
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Perkins, Patricia Anne
 ; REGISTRATION NUMBER: 34,695
 ; REFERENCE/DOCKET NUMBER: 2617-B
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (206)587-0430
 ; TELEFAX: (206)
 ; INFORMATION FOR SEQ ID NO: 10:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 866 amino acids
 ; TYPE: amino acid
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: protein
 US-09-022-259-10

Query Match 44.9%; Score 40; DB 4; Length 866;
 Best Local Similarity 50.0%; Pred. No. 4.7e+02;
 Matches 6; Conservative 1; Mismatches 5; Indels 0; Gaps 0;
 Qy 1 WEVLCTWETCE 12
 Db 577 WQVRCPDWFCE 588
 ; Sequence 10, Application US/09022257
 ; GENERAL INFORMATION:
 ; APPLICANT: Yao, Zhengbin
 ; APPLICANT: Spriggs, Melanie
 ; APPLICANT: Fanslow, William
 ; TITLE OF INVENTION: No. 6191104el Receptor That Binds IL-17
 ; NUMBER OF SEQUENCES: 10
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Immunex Corporation
 ; STREET: 51 University Street
 ; CITY: Seattle
 ; STATE: WA
 ; COUNTRY: USA
 ; ZIP: 98101
 ; COMPUTER READABLE FORM:
 ;

RESULT 13
 us-09-022-259-10
 ; Sequence 10, Application US/09022259
 ;
 Qy 1 WEVLCTWETCE 12
 Db 577 WQVRCPDWFCE 588
 ; Sequence 10, Application US/09022253
 ;
 Qy 1 WEVLCTWETCE 12
 Db 577 WQVRCPDWFCE 588
 ; Sequence 10, Application US/09022257
 ;

